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(54) Title: METHOD OF PREPARING A RING COMPOUND HAVING TWO ADJACENT CHIRAL CENTERS

(57) Abstract: A method of synthesizing a chiral compound having a quarternary carbon atom bearing diastereotopic groups from (a) a nitroolefin and (b) an α -substituted β -dicarbonyl or an equivalent compound having an acidic C-H moiety compound is disclosed. A subsequent intramolecular reaction between one of the substituents comprising the stereogenic carbon atom and one of the diastereotopic groups comprising the quaternary carbon atom creates a new compound having two contiguous stereogenic centers, one of which is quaternary, with control over the relative stereochemistry.



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